

Notice of Allowability

Application No.

10/020,394

Examiner

Behrooz Senfi

Applicant(s)

YOURLO, ZHENYA ALEXANDER

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/29/2006.
2. ☒ The allowed claim(s) is/are 30, 36-42, 57 and 63-69, renumbered as 1 - 16.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Amendment

1. Applicant after final amendment, filed 3/29/2006, by canceling claims 1 – 29, 31 – 35, 43 – 56, 58 – 62, 70 - 80 and amending claims 30, 36 – 39, 57 and 63 – 66 by incorporating the allowable subject matter as indicated in the last office action (mailed, 12/29/2005) place the application in allowable condition.

Allowable Subject Matter

2. Claims 30, 36 – 42, 57 and 63 - 69 renumbered as 1 – 16 are allowed over the prior art of the record.

3. The following is an examiner's statement of reasons for allowance: The prior art of the record fails to anticipate or rendered obvious the limitations "a method of forming a sequence of images for transmission over a communication network. The method comprising the steps of; forming representations of plural graphical object-based images; rendering the images in a sequence using a computer graphics application, the rendering comprising; determining a set of changes required to transform a previous image in the sequence into a current image in the sequence, and indicating the changes in a format known to an encoder a priori; encoding the sequence using the encoder such that the encoder utilizes at least one of the changes to optimize encoding of the current image; and storing an encoded representation of at least the current image for use in an encoding of a subsequent image in the sequence, wherein the encoded representation comprises a plurality of separately encoded discrete portions, and wherein the set of changes comprises a change to a compositing tree by which the

object-based graphical image is described, the change indicating a portion of a rendered current image having changed, the encoding comprising determining the discrete portions that require update as a result of the change, encoding rendered pixel values output from the computer graphics application corresponding to the changes as replacement ones of the portions, and combining the replacement portions with remaining portions of the preceding encoded image to form a current encoded image, as claimed in independent claim 30, renumbered as 1 and similar limitations in independent claims 36- 39 and claims 57 and 63 – 66 (computer readable medium corresponding to the method of claim 30 and 36 – 42) renumbered as 2 – 5, 9 and 10 – 13.

Claims 40 – 42 and 67 – 69, renumbered as 6 – 8 and 14 - 16 are allowed with respect to independent claims 39 and 66, renumbered as 5 and 13.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Contact

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Behrooz Senfi** whose telephone number is **(571) 272-7339**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Mehrdad Dastouri** can be reached on **(571) 272-7418**.

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Or faxed to:

(571) 273-8300.

Hand-delivered responses should be brought to Randolph Building, 401 Dulany Street, Alexandria, Va. 22314.

Any inquiry of a general nature or relative to the status of the application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is **(571) 272-6000**.

B. M. S.

Mehrdad Dastouri
MEHRDAD DASTOURI
SUPERVISORY PATENT EXAMINER
TC 2600